## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE     |  |  |  |  |  |  |
|---------------------------|----------|--------|----------|--|--|--|--|--|--|
| FEE DETERMINATION         | LIVONE   |        | 08:08-01 |  |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       | 1000     | 43     | 8/15/01  |  |  |  |  |  |  |
| FORMALITY REVIEW          | TH       | 675-3  | 8-11-01  |  |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW |          |        |          |  |  |  |  |  |  |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
| = | Allowed                    | - 1 | Interference |
| _ | (Through numeral) Canceled | Α   | Appeal       |
| ÷ | Restricted                 | 0   | Ohiected     |

| Cla           | Claim Date |              |          |          |          |          |          | Cla      | aim      |  | Date      |               |          |          |          |          |              |          |          |          |          | im       | Date      |          |               |            |          |               |          |  |               |                |          |
|---------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|--|-----------|---------------|----------|----------|----------|----------|--------------|----------|----------|----------|----------|----------|-----------|----------|---------------|------------|----------|---------------|----------|--|---------------|----------------|----------|
| $\Box$        | Original   | 3/53/0,      | •        |          |          |          |          |          |          |  |           | Final         | Original |          |          |          |              |          |          |          |          |          |           |          | Final         | Original   |          |               |          |  |               |                | Γ        |
| <u>Ē</u>      | <u>ō</u>   | $\mathbb{C}$ | _        |          | L        | L        | ╄        | _        | $\perp$  | L  | Ш         | يَّةً إ       |          | L        | L        | L        | L            | <u> </u> | _        |          |          | 1_       |           | L        |               | ŏ          |          | L             |          |  |               | L              | 1        |
|               | -1)        | 4            | _        | _        | _        | L        | $\bot$   | 1_       | <u> </u> | <u>                                     </u> | Ш         |               | 51       | L        | <u> </u> |          | <u> </u>     | L        | 丄        | L        | <u> </u> | L        |           | L        |               | 101        |          | L             |          | L  |               |                | I        |
|               | 2          | 4            | _        | _        | ↓_       | 1_       | $\perp$  | $\perp$  | 1        | ╙  | Ш         |               | 52       | L        | _        | L        | <u> </u>     | _        | _        |          | <u>_</u> |          |           | L        |               | 102        | $\perp$  | _             | L        |  |               | L              | I        |
|               | 3          | <u>_</u>     | _        | L        | 1        | 1        | 1        | _        | 1        | 1  | Ш         |               | 53       | L        | _        | <u> </u> |              | _        | $\perp$  | ╙        |          | 1_       |           | L        |               | 103        |          |               |          | L_   |               |                | L        |
|               | 4          |              | _        | ⊢        | +        | +        | +        | +        | +-       | ┼-   | $\vdash$  | $\vdash$      | 54       | _        | -        | $\vdash$ | -            | ┡        | -        | ـ        | ┡        | ـــــ    |           | _        | _             | 104        | +        | lacksquare    |          | L  | L             | L              | 1        |
|               | 5          | 2            | _        | -        | -        | +-       | +        | +-       | $\perp$  | ⊢  | $\square$ | -             | 55       | ⊢        | ┝        | $\vdash$ | -            | -        | -        | -        | ├-       | ļ        | $\square$ | -        |               | 105        | ╄        | ┺             | <u> </u> | ┡  | $\vdash$      | <u> </u>       | 1        |
| -             | 6<br>7     | $\leq$       |          | -        | ╀        | ╀        | +        | ╀        | +        | ╀  | $\vdash$  | $\vdash$      | 56<br>57 | ⊢        | -        | ┼-       | ⊢            | ┢        | ╄-       | ┼        | ⊢        | $\vdash$ | -         | <b> </b> |               | 106<br>107 | ┼-       | ├             | L        | ╄  | _             | ╄-             | 1        |
| $\vdash$      | 8          | V            | ,        | -        | ╀        | ╁        | ╁        | ╁╌       | +        | <del> </del>                                 | Н         | -             | 58       | -        | -        | ⊢        | <del> </del> | ┼-       | -        | $\vdash$ | ┢        | -        | $\dashv$  | - 1      | -             | 108        | ╁        | $\vdash$      | -        | -  | _             | ⊢              | ╀        |
| $\vdash$      | 9          | 7            | -        | -        | ╁        | ╁        | +        | +        | +        | +  | Н         | $\vdash$      | 59       | H        | $\vdash$ | ┼        | ╁            | $\vdash$ | +        | ╁        | ┼─       | $\vdash$ | $\dashv$  | ⊢        |               | 109        | ╄        | ├-            | ⊢        | ⊢  | -             | ⊢              | ╀        |
|               | 10         | <u>'/</u>    |          |          | ╁        | +        | +-       | +-       | ╁        | +-   | $\vdash$  | -             | 60       | -        | ⊢        | H        | +            | ┝        | ┼        | 1        | H        | -        | $\dashv$  | F        |               | 110        | ╁        | -             | ├-       | $\vdash$   | ⊢             | ├              | ╀        |
| $\vdash$      | 11         | Ü            | -        | ╁╌       | ╁        | +        | +        | +        | +        | 1  | $\vdash$  | $\vdash$      | 61       | $\vdash$ | +-       | ╁        | ╁            | ╁        | ╁        | $\vdash$ | ├        | $\vdash$ | $\dashv$  | H        | _             | 111        | ╁        | ┼             | ⊢        | ⊢  | ├             | ⊢              | ╀        |
|               | 12         | J            | _        |          | +        | +        | +        | +-       | +        | -  | +         |               | 62       | H        | $\vdash$ | ╁        | H            | H        | +        | +        | ┼        |          | $\dashv$  | <br> -   | $\overline{}$ | 112        | ╁        | ╁             | $\vdash$ | -  | ⊢             | ┝              | ╁        |
| -             | 13         | Ť            | _        |          | t        | +        | +        | +        | +        | +-   | H         | $\vdash$      | 63       | -        | ┢        | $\vdash$ |              | H        | +-       | 1        | ┢        | $\vdash$ | $\dashv$  | H        |               | 113        | ╁╌       | $\vdash$      | ├-       | ┼  | $\vdash$      | ┢              | ł        |
| _             | 14         |              |          | $\vdash$ | +        | t        | 1        | +        | t        | T  | Н         | -             | 64       |          | H        | H        |              | -        | 1        | H        | $\vdash$ | 1        | $\dashv$  | H        | _             | 114        | +        | ╁             | ╀        | ⊢  | -             | ╁              | t        |
|               | 15         | $\Box$       |          | 1        |          | T        | t        |          | Ť        |  | $\Box$    |               | 65       | T        | 1        | 1        | T            |          | $\vdash$ | _        | $\vdash$ | $\vdash$ | $\neg$    | _        | _             | 115        | +        | $\vdash$      | $\vdash$ | ╁  | H             | ┢              | t        |
|               | 16         | $\neg$       |          |          | T        | T        | T        | 1        | 1        | Τ  | П         |               | 66       | _        | 1        | †        | T            | T        | T        | _        | Т        |          |           | r        |               | 116        | t        |               |          | -  |               |                | t        |
| П             | 17         |              |          |          | Π        | Т        | T        | Τ        | T        | 1  | $\Box$    |               | 67       |          |          |          |              | T        |          |          |          |          |           |          |               | 117        | †—       |               | -        | t  |               | <del>  -</del> | t        |
|               | 18         |              |          |          | Π        | T        |          |          | Т        | Т  | П         |               | 68       |          | Π        |          | Ī            | Г        | 1        |          |          |          |           |          |               | 118        | 1        |               | -        | İ  | $\vdash$      | 1              | t        |
|               | 19         |              |          |          |          |          | Г        | Т        | Т        | Γ  |           |               | 69       |          |          |          |              |          |          | Г        | 1        |          |           | Г        |               | 119        |          | 1             | Г        |  |               | Г              | T        |
|               | 20         |              |          |          |          | П        | Π        | Т        | Т        | П  | П         |               | 70       |          |          |          |              | Г        |          | Г        |          | П        |           | Γ        | 7             | 120        |          |               |          |  | Г             |                | r        |
| П             | 21         |              |          |          |          | T        | T        | T        | T        | 1  | П         |               | 71       | _        |          |          |              |          | Г        | 1        | Г        | П        |           | F        | 7             | 121        | $\vdash$ | 1             | $\vdash$ | <del>                                     </del> | T             | T              | t        |
|               | 22         |              |          |          |          |          | Τ        |          |          |  |           |               | 72       |          |          |          | Γ            |          |          |          | Ι-       | П        | $\Box$    |          | 7             | 122        |          |               |          |  |               |                | r        |
| -             | 23         |              |          |          |          |          |          | L        |          |  |           |               | 73       |          |          |          |              |          |          |          |          |          |           |          |               | 123        | 1        | Г             |          | Г  |               |                | Γ        |
|               | 24         |              |          |          |          |          |          |          |          |  |           |               | 74       |          |          |          |              |          |          |          |          |          |           |          |               | 124        |          |               |          |  |               |                | Γ        |
| -             | 25         |              |          | L        |          | L        |          | ┸        |          | L  |           |               | 75       |          | <u> </u> |          | _            |          | L        |          | _        |          | $\Box$    |          |               | 125        |          |               |          |  |               |                | Г        |
| -             | 26         | $\perp$      |          |          | L        | L        |          | L        | L        | <u> </u>                                     | Ш         | $\perp$       | 76       | _        | <u> </u> |          |              |          | L.       |          |          | Ш        |           |          |               | 26         |          |               |          |  |               |                | Γ        |
| -             | 27         | 4            | _        |          | L        | L        | _        | 1        | <u> </u> | _  | Ш         |               | 77       |          |          |          | L.           |          | <u> </u> |          |          | $\sqcup$ | _         | L        | -             | 27         | L        |               |          |  |               |                |          |
| -             | 28         | _            | _        |          | <u> </u> | ▙        | ╙        | ┺        | ╙        | <u> </u>                                     | Ш         | <u> </u>      | 78       |          | _        |          | <u> </u>     |          |          | <u> </u> | <u> </u> |          |           | _        | _             | 128        | <u> </u> |               |          |  |               | L              | L        |
| $\rightarrow$ | 29         | -            | 4        |          |          | L        | _        | ╄        | ļ        | ļ  | Ш         | $\vdash$      | 79       | _        |          |          |              |          | _        |          |          | Ш        | _         | L        | -             | 29         | <u> </u> |               |          | L  |               | L.             | L        |
|               | 30         | -+           | _        | _        | -        | ⊢        | 1        | ╄        | ╄-       | <del> </del> _                               | Щ         | <u> </u>      | 80       | _        |          |          | Ь,           |          | <u> </u> | _        | _        | Н        | _         | ⊢        | _             | 30         | ㄴ        | L_            |          |  | L_            | _              | L        |
| $\rightarrow$ | 31         | $\dashv$     | -        |          | ⊢        | -        | ┾        | ┼        | -        | ├-   | $\dashv$  | -             | 81       | _        |          | _        | _            |          | L        |          | Н        | $\vdash$ | 4         | -        |               | 31         | -        | Ш             |          | _  | _             |                | L        |
| -             | 33         | +            | -        | _        | Ŀ        | ⊢        | -        | $\vdash$ | $\vdash$ |  | $\dashv$  | $\vdash$      | 82<br>83 | -        |          | _        |              |          | ┝        | <u> </u> |          | Н        | $\dashv$  | -        | -             | 32         | _        | $\vdash$      |          |  |               |                | L        |
| -             | 34         | +            | -        | —        |          | ⊢        | ⊢        | $\vdash$ | ┝        |  | -         | H             | 84       |          |          |          | -            | _        | ⊢        | H        |          | $\vdash$ | 4         | -        |               | 33         | ├-       | Н             | _        |  |               |                | L        |
| -             | 35         | +            | $\dashv$ |          | -        |          | -        | ╫┈       | ┢─       | $\vdash$                                     | $\dashv$  | $\vdash$      | 85       | $\dashv$ |          |          | -            |          |          | H        |          | Н        | $\dashv$  | ⊢        | _             | 35         | -        |               |          |  |               | _              | H        |
|               | 36         | $^{+}$       | ┪        | _        | ┝        | ┢        | -        | ╁╌       | $\vdash$ | Н  | $\dashv$  | $\vdash$      | 86       | $\dashv$ |          |          |              |          |          | -        |          | H        | -         | ⊢        | _             | 36         | -        | $\vdash$      |          |  |               |                | -        |
| <u> </u>      | 37         | +            | -        |          | $\vdash$ | $\vdash$ | -        | -        | H        | H  |           | $\vdash$      | 87       |          |          |          |              |          | $\vdash$ | -        | _        | $\vdash$ | $\dashv$  | F        | _1            | 37         | $\vdash$ |               | -        | -  |               | -              | $\vdash$ |
|               | 8          | 十            | +        | _        | -        |          | H        | H        | -        |  | $\dashv$  |               | 88       | $\dashv$ |          | _        |              |          |          |          |          | $\vdash$ | $\dashv$  | ⊢        | -+-           | 38         | -        | $\vdash$      | -        | _  |               |                | -        |
|               | 39         | _            | $\dashv$ |          |          |          | ┢        | +-       | ┢        |  | ⊣ .       | H             | 89       | $\dashv$ |          |          | $\neg$       |          | -        | Н        |          |          | ┪         | <br> -   | -             | 39         | -        | $\dashv$      |          | $\dashv$   |               | _              | -        |
| 4             | 10         |              |          |          |          |          | <u> </u> |          |          |  |           | $\vdash$      | 90       |          |          | T        |              |          |          |          |          | $\vdash$ | ┪         |          | -+            | 40         | -        | $\dashv$      | _        | $\dashv$   | _             | _              | _        |
| ٦,            | 11         | $\top$       | 7        |          |          | ├        | $\vdash$ | $\vdash$ | $\vdash$ |  | -         | $\vdash$      | 91       | -        |          |          |              | _        |          |          |          | $\vdash$ | $\dashv$  | -        | -+            | 41         | Н        | $\dashv$      |          | $\dashv$   |               |                | _        |
|               | 2          | +            | ┪        |          |          | H        | -        | $\vdash$ |          | -  | $\dashv$  | H             | 92       | $\dashv$ |          | -        | -            |          |          |          | _        | $\vdash$ | $\dashv$  | -        |               | 42         | -        |               | -        | $\dashv$   |               | -              | _        |
|               | 13         | 7            | 7        |          | _        | 1        |          | t        |          |  | $\dashv$  |               | 93       | $\dashv$ | =        | _        |              |          | -        | $\dashv$ |          |          |           | $\vdash$ | _L            | 43         | Н        | $\dashv$      | _        | $\dashv$   | -             |                | _        |
|               | 14         | $\top$       | 寸        |          |          | Т        |          | Τ        | $\vdash$ | Н  | -         | H             | 94       | _        | _        | $\dashv$ | $\exists$    |          |          |          |          | -        | $\dashv$  |          |               | 44         | $\vdash$ | $\dashv$      | $\dashv$ |  | -             | -              | _        |
| - 4           | 15         | $\top$       | 7        |          |          |          |          | $\vdash$ | $\vdash$ | Н  | _         | $\sqcap$      | 95       | -        | -        | $\dashv$ |              |          | Н        |          |          | $\vdash$ | $\dashv$  | F        |               | 45         | Н        | -             |          |  | ᅥ             | -              | _        |
| 4             | 6          |              | 7        |          |          |          | Г        | T        | П        |  |           | $\rightarrow$ | 96       |          |          |          | _            |          |          |          | ╗        | $\Box$   | $\neg$    |          |               | 46         | Н        | $\dashv$      | $\dashv$ | $\dashv$   | $\dashv$      | _              |          |
|               | 7          | T            | T        |          |          |          |          |          | Г        |  | $\neg$    |               | 97       | T        |          |          |              |          |          |          |          |          |           |          |               | 47 .       | П        |               | _        | $\dashv$   | $\neg$        |                | -        |
|               | 8          | I            |          |          |          |          |          |          |          |  |           |               | 98       |          |          |          |              |          |          |          |          |          | 7         |          |               | 48         |          | T             | $\dashv$ |  | $\dashv$      | _              | _        |
|               | 9          |              | $\prod$  |          |          |          |          |          |          |  |           |               | 99       |          |          |          |              |          |          |          |          |          |           |          | 1             | 49         |          | <u>.</u> ]    | ╗        |  |               |                | _        |
| 10            | 0          | - 1          | Т        | -1       |          |          |          |          | , –      |  | 1         | 1 7 7         | 100      |          | ,        |          |              |          |          |          |          |          |           |          |               | 50         |          | $\overline{}$ |          | $\overline{}$                                    | $\overline{}$ |                | _        |

If more than 150 claims or 10 actions staple additional sheet here

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